I 53.17/2: 997/5

BUREAU OF LAND MANAGEMENT MONTHLY ALERT

BLM Library Denver, CO

May 1997

CONTIN

IN THIS ISSUE

- *Management Alert*
- *RECENT ADDITIONS Book List*

97-019051 0629-A-01

About the MONTHLY ALERT ...

Forestry Topics

1. Forests and Forestry
General treatments of the subject; forestry and society; topical issues; education; agency annual reports.

2. Forest Operations
a. Silviculture: silvicultural systems; economics; stand improvement; measurement; operations management; natural and artifical regeneration, genetics.
b. Engineering: road construction; protective works; logging; equipment.

3. Forest Injury and Protection
Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.

4. Fire Management
All aspects, including presuppression, prevention education, behavior; fire weather.

5. Watershed Management, with Soil and Site Factors
Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

6. Range and Wildlife Management

7. Forest Recreation

8. Forest Products Research
Wood technology and utilization; markets and marketing; forest products industries.

Allied Topics

9. Life Sciences
Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.

10. Computer Science, Statistics and Mathematics

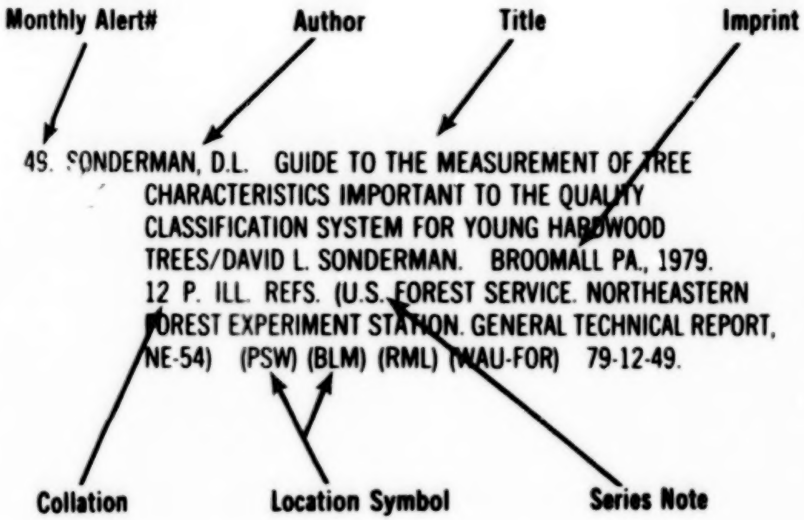
11. Social Sciences
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.

12. Other Topics

The citations listed in this **Alert** are arranged in broad topical categories. This permits browsing by subject interest.

The **Species Index** and the **Subject Index** on the following pages identify individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

Sample ***Monthly Alert*** Citation:


Monthly Alert#
Author
Title
Imprint
49. SONDERMAN, D.L. GUIDE TO THE MEASUREMENT OF TREE CHARACTERISTICS IMPORTANT TO THE QUALITY CLASSIFICATION SYSTEM FOR YOUNG HARDWOOD TREES/DAVID L. SONDERMAN. BROOMALL PA., 1979. 12 P. ILL. REFS. (U.S. FOREST SERVICE. NORTHEASTERN FOREST EXPERIMENT STATION. GENERAL TECHNICAL REPORT, NE-54) (PSW) (BLM) (RML) (WAU-FOR) 79-12-49.
Collation
Location Symbol
Series Note

About Bureau of Land Management *Monthly Alert*

Bureau of Land Management *Monthly Alert* announces recent publications significant to natural resources management and research. These publications are located and made available through an interagency agreement between BLM and the USFS Forest Information Network. Subject areas are generally limited to renewable resources and fire management.

Most items listed in each ***Monthly Alert*** are reprints of current journal articles or research papers. They are sent to you at your office without charge upon receipt of your order (see inside back cover). Books and other large documents will be loaned to you for a specific period of time. Those items available for loan only are identified by a • beside the item in the citation.

The ***Monthly Alert*** is available to all BLM employees. It is operated by the BLM Library, Service Center, Denver, Colorado. BLM employees are cautioned not to use ***Monthly Alert*** services from Forest Service Service Centers. The BLM Library now provides these services.

About the BLM Library

The BLM Library is located at the Service Center. It performs a full range of library services for all BLM personnel at no charge. It has computer-based literature searching capability for all subject areas. Literature searches may be requested on BLM Form 1279-2. The BLM Library has extensive reference and access to libraries of every government agency, universities, private institutions and foreign governments. If you have a need for library assistance that cannot be obtained locally, contact:

BLM Library
NARSC RS-150A
Denver Federal Center
Denver, CO 80225

Monthly Alert	**Reference**
•Com (303) 236-6434	**•Com (303) 236-6649**

BLM-ALERT!

BLM's Management Alert section is available in this month's issue.

YOU HAVE 3 OPTIONS FOR REQUESTING ITEMS FROM THE MONTHLY ALERT.

- ●FAX: 303-236-4810
- ●MAIL IN REQUEST FORM
- *●E-MAIL TO CRYSTAL TRUJILLO

*BY SENDING REQUESTS THROUGH E-MAIL YOU ARE ACCEPTING RESPONSIBILITY FOR COPYRIGHT COMPLIANCE SHOULD RESTRICTIONS APPLY TO DOCUMENTS YOU ARE REQUESTING.

010. FORESTRY--GENERAL

1. Backiel, A. Forests and sustainable development : the Rome Statement on Forestry. Journal of forestry; Vol. 93, no. 10 (Oct. 1995): p. 13-17.

2. Bednar, L. F.; Shainsky, L. J. The concept of overcontrolled systems : implications for forest management. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 29-33.

3. Brunson, M. W. Nonindustrial private forest owners and ecosystem management : can they work together? Journal of forestry; Vol. 94, no. 6 (June 1996): p. 14-21.

4. Charland, J. W. The "problem-isolation paradigm" in natural resource management : too much of a good thing? Journal of forestry; Vol. 94, no. 5 (May 1996): p. 6-9.

5. Dunn, W.; Jemison, R. L. Forging partnerships abroad : the Sister Forest Program. Journal of forestry; Vol. 93, no. 10 (Oct. 1995): p. 28-31.

6. Floyd, D. W.; Germain, R. H.; Ter Horst, K. A model for assessing negotiations and mediation in forest resource conflicts. Journal of forestry; Vol. 94, no. 5 (May 1996): p. 29-33.

7. Fosbroke, D. E.; Myers, J. R. Logging safety and forest management education : a necessary link. Journal of forestry; Vol. 94, no. 7 (July 1996): p. 21-25.

8. Heffernan, P. Harvesting technology, safety, and cooperation in forest management : the Montana experience. Journal of forestry; Vol. 94, no. 7 (July 1996): p. 12-15.

9. Heiner, H. Issues in international forestry : how they affect the United States. Journal of forestry; Vol. 93, no. 10 (Oct. 1995): p. [6]-11.

10. Hill, B. T. Forest Service : issues related to managing National Forests for multiple uses. [Washington, D.C.]: U.S. General Accounting Office; [1996]: 10 p. (Testimony; GAO-T-RCED-96-111).

11. Hill, B. T. Forest Service : issues relating to its decision making process. [Washington, D.C.]: U.S. General Accounting Office; [1996]: 9 p. (Testimony; GAO-T-RCED-96-66).

12. Johnston, C. A. Cumulative impacts to wetlands. Wetlands, the journal of the Society of Wetland Scientists; Vol. 14, no. 1 (Mar. 1994): p. 49-52.

13. MacKay, D. G.; Ellefson, P. V.; Blinn, C. R. Registration, certification, and licensing : creating better timber harvesters. Journal of forestry; Vol. 94, no. 7 (July 1996): p. 27-31.

14. Mangold, R. D. Sustainable development : the Forest Service's approach. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 25-28.

15. Marcin, T. C. Integrating social sciences into forest ecosystem management research. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 29-33.

16. More, T. A. Forestry's fuzzy concepts : an examination of ecosystem management. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 19-23.

17. Myers, J. R.; Fosbroke, D. E. The Occupational Safety and Health Administration logging standards : what it means to forest managers. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 34-37.

18. Pukkala, T.; Kangas, J. A method for integrating risk and attitude toward risk into forest planning. Forest science; Vol. 42, no. 2 (May 1996): p. 198-205.

19. Redelsheimer, C. L. Enhancing forest management through public involvement : an industrial landowner's experience. Journal of forestry; Vol. 94, no. 5 (May 1996): p. 24-27.

20. Sedjo, R. A. Toward an operational approach to public forest management. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 24-27.

21. Shindler, B.; Steel, B.; List, P. Public judgments of adaptive management : a response from forest communities. Journal of forestry; Vol. 94, no. 6 (June 1996): p. 4-12.

22. Slover, B. L. A music of opinions : collaborative planning for the Charles C. Deam Wilderness. Journal of forestry; Vol. 94, no. 5 (May 1996): p. 18-23.

23. Stuart, W. B. The line and the backfield : teammates or competitors? Journal of forestry; Vol. 94, no. 7 (July 1996): p. 4-7.

24. Thomas, J. W.; Huke, S. The Forest Service approach to healthy ecosystems. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 14-18.

25. Wurtz, T. L.; Gasbarro, A. F. A brief history of wood use and forest management in Alaska. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 47-50.

26. Yaffee, S. L. Lessons about leadership from the history of the spotted owl controversy. Natural resources journal; Vol. 35, no. 2 (spring 1995): p. [381]-412.

012. METHODOLOGY AND ADVANCED TECHNOLOGY

27. Adlard, P. G. Myth and reality in growth estimation. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 171-176.

28. Berbel, J.; Zamora, R. An application of MOP and GP to wildlife management (deer). Journal of environmental management; Vol. 44, no. 1 (May 1995): p. 29-38.

227-234.

020. FOREST ECONOMICS

43. Adams, D. M.; Alig, R. J.; McCarl, B. A.; Callaway, J. M.; Winnett, S. M. An Analysis of the impacts of public timber harvest policies on private forest management in the United States. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 343-358.

44. Beckley, P. R. An assessment of the economic structure and trends of Flathead County, Montana (1984-1993). [Kalispell, Mont.]: U.S. Dept. of Agriculture, Forest Service, Flathead National Forest; 1995: 23 p. (Land management technical notes (Flathead National Forest (Mont.)); note no. 7).

45. Binkley, C. S.; Raper, C. F.; Washburn, C. L. Institutional ownership of US timberland : history, rationale, and implications for forest management. Journal of forestry; Vol. 94, no. 9 (Sept. 1996): p. 21-27.

46. Boychuk, D.; Martell, D. L. A multistage stochastic programming model for sustainable forest-level timber supply under risk of fire. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 10-26.

47. Brack, C. L.; Marshall, P. L. A test of knowledge-based forest operations scheduling procedures. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1193-1202.

48. Burton, D. M.; Berck, P. Statistical causation and National Forest policy in Oregon. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 86-92.

49. Curtis, R. O.; Carey, A. B. Timber supply in the Pacific Northwest : managing for economic and ecological values in Douglas-fir forests. Journal of forestry; Vol. 94, no. 9 (Sept. 1996): p. 4-7, 35-37.

50. Duffus, J. Federal lands : views on reform of recreation concessioners. [Washington, D.C.]: U.S. General Accounting Office; [1995]: 13 p. (Testimony; GAO-T-RCED-95-250).

51. Egan, A. F. Hazards in the logging woods : who's responsible. Journal of forestry; Vol. 94, no. 7 (July 1996): p. 16-20.

52. Forboseh, P. F.; Brazee, R. J.; Pickens, J. B. A strategy for multiproduct stand management with uncertain future prices. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 58-66.

53. Hill, B. T. Federal lands : information on land owned and acquired. [Washington, D.C.]: U.S. General Accounting Office; [1996]: 8 p. (Testimony; GAO-T-RCED-96-73).

54. Lewis, R. Timber!, the cry of the past--stewardship, the voice of the future. Journal of

29. Ceulemans, R. An inventory of tree and stand growth models with potential application in short-rotation forestry. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 95-107.

30. Charest, P. J. Biotechnology in forestry : examples from the Canadian Forest Service. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 37-42.

31. Corbley, K. P. National GIS fills "GAPs" in biological diversity. GIS world; Vol. 9, no. 8 (Aug. 1996): p. 50-53.

32. Cox, E. S.; Sullivan, J. Harvest scheduling with spatial wildlife constraints : an empirical examination of tradeoffs. Journal of environmental management; Vol. 43, no. 4 (Apr. 1995): p. 333-348.

33. Gertner, G.; Cao, X.; Zhu, H. A quality assessment of a Weibull based growth projection system. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 235-250.

34. Goelz, J. C. G.; Burk, T. E. Measurement error causes bias in site index equations. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1585-1593.

35. Gregoire, T. G. Variance derivations and related aspects of growth component estimators with successive variable-radius-plot samples. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 211-216.

36. Hansen, M. H. Portable technologies : improving forestry field work. Journal of forestry; Vol. 94, no. 6 (June 1996): p. 29-30.

37. Hradetzky, J. Concerning the precision of growth estimation using permanent horizontal point samples. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 203-210.

38. Ranneby, B.; Rovainen, E. On the determination of time intervals between remeasurements of permanent plots. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 195-202.

39. Rennolls, K. Forest height growth modelling. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 217-225.

40. Soares, P.; Tome, M.; Skovsgaard, J. P.; Vanclay, J. K. Evaluating a growth model for forest management using continuous forest inventory data. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 251-265.

41. Vanclay, J. K.; Hansen, C. P.; Skovsgaard, J. P. Assessing the quality of permanent sample plot databases for growth modelling in forest plantations. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p. 177-186.

42. West, P. W. Application of regression analysis to inventory data with measurements on successive occasions. Forest ecology and management; Vol. 71, no. 3 (Feb. 1995): p.

forestry; Vol. 94, no. 7 (July 1996): p. 8-11.

55. Murray, A. T.; Church, R. L. Analyzing cliques for imposing adjacency restrictions in forest models. Forest science; Vol. 42, no. 2 (May 1996): p. 166-175.

56. Reed, W. J.; Haight, R. G. Predicting the present value distribution of a forest plantation investment. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 378-388.

57. Schuster, E. G. Revenue sharing and resource management in western states. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 20-24.

58. Skutin, S.-G. Business process improvement : the key to satisfied customers and cost reduction. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 260-268. (General technical report NC ; 186).

59. Snyder, S.; ReVelle, C. The grid packing problem : selecting a harvesting pattern in an area with forbidden regions. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 27-34.

60. Tacconi, L. Rethinking the economic analysis of forests : theory and practice. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 229-238.

61. Thompson, M. A.; Bjorheden, R.; Rickards, J. Proposed international standard definitions for time consumption in the study of forest work. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 161-165. (General technical report NC ; 186).

62. U.S. Forest Service : fee system for rights-of-way program needs revision. [Washington, D.C.]: U.S. General Accounting Office; 1996: 23 p.

63. Yin, R.; Newman, D. H. Are markets for stumpage informationally efficient? Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1032-1039.

030. FOREST ENGINEERING

64. Blinn, C. R.; Dahlman, R. Temporary stream and wetland crossing options. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 151-159. (General technical report NC ; 186).

65. Brown, C.; Sessions, J. The standing skyline : a maximum log load solution procedure. Forest science; Vol. 42, no. 2 (May 1996): p. 220-227.

66. Brown, C. G.; Kellogg, L. D. Harvesting economics and wood fiber utilization in a fuels reduction project : a case study in eastern Oregon. Forest products journal; Vol. 46, no. 9 (Sept. 1996): p. 45-52.

67. Brown, G. W. The genesis of COFE : a populist response to a professional need. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 243-245. (General technical report NC ; 186).

68. Chen, Z. Application of geographic information systems in forest engineering. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 141-146. (General technical report NC ; 186).

69. Didier, S.; Herzberg, D. Stock-drawn equipment for trail work. Missoula, Mont.: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1996: ii, 22 p.

70. Fridley, J. L.; Miles, J. A.; Greulich, F. E. Development of forest engineering and its literature. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 232-242. (General technical report NC ; 186).

71. Kosir, B. How to manage thinning with low damages to standing trees : experience with the model. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 82-91. (General technical report NC ; 186).

72. McNeel, J.; Briggs, D.; Peterson, B.; Holmes, M. Damage to residual trees during partial harvests : measurement, analysis, and implications. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 73-81. (General technical report NC ; 186).

73. Monlux, S.; Vachowski, B. Geosynthetics for trails in wet areas. Missoula, Mont.: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1995: ii, 18 p.

74. Oborn, R. M. R. A mixed-integer programming model for tactical forest operations planning. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 201-211. (General technical report NC ; 186).

75. Olsen, E. D.; Pilkerton, S. J.; Mann, J. W. A harvesting equipment selection process for the Pacific Northwest. Forest products journal; Vol. 46, no. 9 (Sept. 1996): p. 39-44.

76. Pilkerton, S. J.; Han, H.-S.; Kellogg, L. D. Quantifying residual stand damage in partial

harvest operations. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 62-72. (General technical report NC ; 186).

77. Starnes, L. W. Inland West regional report. Proceedings of the meeting on planning and implementing forest operations to achieve sustainable forests. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1996: p. 194-197. (General technical report NC ; 186).

040. FOREST MENSURATION

78. Battles, J. J.; Dushoff, J. G.; Fahey, T. J. Line intersect sampling of forest canopy gaps. Forest science; Vol. 42, no. 2 (May 1996): p. 131-138.

79. Bokalo, M.; Titus, S. J.; Wiens, D. P. Sampling with partial replacement extended to include growth projections. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 328-334.

80. Chojnacky, D. C. Forest inventory and analysis (FIA) variables : indicators of ecological integrity? North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 247-258. (General technical report RM ; GTR-284).

81. Coppin, P. R.; Bauer, M. E. The potential contribution of pixel-based canopy change information to stand-based forest management in the northern U.S. Journal of environmental management; Vol. 44, no. 1 (May 1995): p. 69-82.

82. Croft, F.; Kessler, B. Remote sensing, image processing, and GIS. Journal of forestry; Vol. 94, no. 6 (June 1996): p. 31-35.

83. D'Eon, S. P. Forest canopy interference with GPS signals at two antenna heights. Northern journal of applied forestry; Vol. 13, no. 2 (June 1996): p. 89-91.

84. Dralle, K.; Rudemo, M. Stem number estimation by kernel smoothing of aerial photos. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1228-1236.

85. Eastman, J. R.; Jin, W.; Kyem, P. A. K.; Toledano, J. Raster procedures for multi-criteria/multi-objective decisions. Photogrammetric engineering and remote sensing; Vol. 61, no. 5 (May 1995): p. 539-547.

86. Hanley, T. A.; Hoel, T. Species composition of old-growth and riparian Sitka spruce--western hemlock forests in southeastern Alaska. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1703-1708.

87. Hartford, R. A.; Burgan, R. E. Displaying and analyzing seasonal change in vegetation greenness. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 201-202. (General technical report INT ; GTR-320).

88. Hodgson, M. E. What cell size does the computed slope/aspect angle represent? Photogrammetric engineering and remote sensing; Vol. 61, no. 5 (May 1995): p. 513-518.

89. Hof, J.; Bevers, M.; Pickens, J. Chance-constrained optimization with spatially autocorrelated forest yields. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 118-123.

90. Holland, C. K. Cartographic feature files : a synopsis for the user. Rev. ed. Washington, DC: U.S. Dept. of Agriculture, Forest Service, Engineering Staff; 1996: iii, 47 p. (Engineering management; EM-7140-21).

91. Jasumback, T. Military PLGR GPS receiver. Missoula, Mont.: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1995: 2 p. (Engineering tech tips; 9571-2334-MTDC).

92. Korol, R. L.; Milner, K. S.; Running, S. W. Testing a mechanistic model for predicting stand and tree growth. Forest science; Vol. 42, no. 2 (May 1996): p. 139-153.

93. Long, J. N. A technique for the control of stocking in two-storied stands. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 59-61.

94. Magnussen, S. A coordinate-free area variance estimator for forest stands with a fuzzy outline. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 76-85.

95. Mutch, L. S.; Swetnam, T. W. Effects of fire severity and climate on ring-width growth of giant sequoia after burning. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 241-246. (General technical report INT ; GTR-320).

96. Reed, D. D.; Liechty, H. O. Above- and belowground dry matter accumulation pattern derived from dimensional biomass relationships. Forest science; Vol. 42, no. 2 (May 1996): p. 236-241.

97. Schuster, E. G.; Keegan, C. E.; Jackson, D. H. Assessing Montana's timber situation--an assessment. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 54-58.

98. Strachan, I. B.; McCaughey, J. H. Spatial and vertical leaf area index of a deciduous forest resolved using the LAI-2000 plant canopy analyzer. Forest science; Vol. 42, no. 2 (May 1996): p. 176-181.

99. Strand, G.-H. Detection of observer bias in ongoing forest health monitoring programmes. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1692-1696.

100. Zhang, J.; Marshall, J. D.; Fins, L. Correlated population differences in dry matter accumulation, allocation, and water-use efficiency in three sympatric conifer species. Forest science; Vol. 42, no. 2 (May 1996): p. 242-249.

101. Zhou, B; McTague, J. P. Comparison and evaluation of five methods of estimation of the Johnson system parameters. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 928-935.

050. SILVICULTURE

102. Guldin, J. M. The role of uneven-aged silviculture in the context of ecosystem management. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 4-12.

103. Host, G. E.; Isebrands, J. G. Temporal and spatial scaling from individual trees to plantations : a modeling strategy. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 233-243.

104. Larsen, J. B. Ecological stability of forests and sustainable silviculture. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 85-96.

105. Snyder, S.; ReVelle, C. Temporal and spatial harvesting of irregular systems of parcels. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1079-1088.

106. Windell, K. Pruning in timbered stands. Missoula, Mont.: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1996: iv, 112 p.

051. ARTIFICIAL REGENERATION

107. Adjers, G.; Hadengganan, S.; Kuusipalo, J.; Nuryanto, K.; Vesa, L. Enrichment planting of dipterocarps in logged-over secondary forests : effects of width, direction and maintenance method of planting line on selected Shorea species. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 259-270.

108. Canham, C. D. Biomass allocation and multiple resource limitation in tree seedlings. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1521-1530.

109. Edson, J. L. Growth and form of western larch stecklings : plagiotropism and reiteration. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1273-1283.

110. Harju, A. M.; Nikkanen, T. Reproductive success of orchard and nonorchard pollens during different stages of pollen shedding in a Scots pine seed orchard. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1096-1102.

111. Meagher, M. D. Estimating the number of filled seeds per cone of western hemlock from coastal British Columbia. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 44-49.

112. Nilsson, M.-C.; Steijlen, I.; Zackrisson, O. Time-restricted seed regeneration of Scots pine in sites dominated by feather moss after clear-cutting. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 945-953.

113. Otsamo, A.; Adjers, G.; Hadi, T. S.; Kuusipalo, J.; Tuomela, K.; Vuokko, R. Effect of site preparation and initial fertilization on the establishment and growth of four plantation tree species used in reforestation of Imperata cylindrica (L.) Beauv. dominated grasslands. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 271-277.

114. Roth, B. E.; Newton, M. Survival and growth of Douglas-fir relating to weeding, fertilization, and seed source. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 62-69.

115. Vanhatalo, V. Effect of prechilling on the dormancy of Betula pendula seeds. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1203-1208.

052. SILVICULTURAL METHODS

116. Ceulemans, R.; McDonald, A. J. S.; Pereira, J. S. A comparison among eucalypt, poplar and willow characteristics with particular reference to a coppice, growth-modelling approach. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 215-231.

117. Frohlich, M.; Quednau, H. D. Statistical analysis of the distribution pattern of natural regeneration in forests. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 45-57.

118. Herve, C.; Ceulemans, R. Short-rotation coppiced vs non-coppiced poplar : a comparative study at two different field sites. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 139-150.

119. Philippot, S. Simulation models of short-rotation forestry production and coppice biology. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 85-93.

120. Ranger, J.; Nys, C. Biomass and nutrient content of extensively and intensively managed coppice stands. Forestry; Vol. 69, no. 2 (1996): p. [91]-110.

121. Rytter, L. Effects of thinning on the obtainable biomass, stand density, and tree diameters

of intensively grown grey alder plantations. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 135-143.

122. Tome, M.; Verwijst, T. Modelling competition in short rotation forests. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 177-187.

123. Verwijst, T. Cyclic and progressive changes in short-rotation willow coppice systems. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p.161-165.

124. Youngblood, A.; Titus, B. Clearcutting : a regeneration method in the boreal forest. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 31-36.

060. GENETICS/PLANT BREEDING

125. Anekonda, T. S. Selection for biomass production based on respiration parameters in in eucalypts : effects of origin and growth climates on growth rates. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1556-1568.

126. Borralho, N. M. G.; Potts, B. M. Accounting for native stand characteristics in genetic evaluations of open-pollinated progeny from a Eucalyptus globulus base population. New forests; Vol. 11, no. 1 (Jan.1996): p. 53-64.

127. Costa, P.; Durel, C. E. Time trends in genetic control over height and diameter in maritime pine. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1209-1217.

128. Criddle, R. S. Selection for biomass production based on respiration parameters in eucalypts : acclimation of growth and respiration to changing growth temperature. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1569-1576.

129. El-Kassaby, Y. A.; Thomson, A. J. Parental rank changes associated with seed biology and nursery practices in Douglas-fir. Forest science; Vol. 42, no. 2 (May 1996): p. 228-235.

130. Heinze, B.; Westcott, R.; Schmidt, J.; Glossl, J. Application of random amplified polymorphic DNA (RAPD) to detect genetic variation in Norway spruce. New forests; Vol. 11, no. 2 (Mar. 1996): p. 173-184.

131. Jones, B. A.; Williams, C. G. Early genetic evaluation methods for cyclic growth in Pinus taeda L. New forests; Vol. 11, no. 1 (Jan. 1996): p. 1-8.

132. Shortt, R. L.; Hawkins, B. J.; Woods, J. H. Inbreeding effects on the spring frost hardiness of coastal Douglas-fir. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1049-1054.

133. Walsh, T. A.; Burk, T. E.; Isebrands, J. G. Development and evaluation of quantitative functions for early selection of Populus clones. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 151-159.

134. Williams, C. G.; Savolainen, O. Inbreeding depression in conifers : implications for breeding strategy. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 102-117.

070. PLANT SCIENCE

135. Chen, H. Y. H.; Klinka, K.; Kayahara, G. J. Effects of light on growth, crown architecture, and specific leaf area for naturally established Pinus contorta var. latifolia and Pseudotsug a menziesii var. glauca saplings. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1149-1157.

136. Innes, J. L.; Ghosh, S.; Schwyzer, A. A method for the identification of trees with unusually colored foliage. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1548-1555.

137. Porter, J. R. Demographic approaches to studies of canopy development in plants. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 207-214.

138. Rytter, R.-M.; Hansson, A.-C. Seasonal amount, growth and depth distribution of fine roots in an irrigated and fertilized Salix viminalis L. plantation. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 129-137.

139. Tahvanainen, L. Diameter growth models induced by competition for four Salix clone monocultures. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 157-175.

140. Widrlechner, M. P. A new look at prairie plant germplasm. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 207-210.

071. SYSTEMATIC BOTANY

141. Eckel, P. M. Synopsis of the mosses of Wyoming. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 197-204.

072. ANATOMY/MORPHOLOGY

142. Nygren, P.; Ramirez, C. Production and turnover of N2 fixing nodules in relation to foliage development in periodically pruned Erythrina poeppigiana (Leguminosae) trees. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 59-73.

073. PLANT PHYSIOLOGY

143. Bai, Y.; Romo, J. T. Seedling emergence of Artemisia frigida in relation to hydration-dehydration cycles and seedbed characteristics. Journal of arid environments; Vol. 30, no. 1 (May 1995): p. 57-65.

144. Ericsson, T.; Rytter, L.; Vapaavuori, E. M. Physiology of carbon allocation in trees. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 115-127.

145. Fimbel, R. A.; Kuser, J. E. Competitive and mutualistic interactions between pitch pine, bayberry, and their symbionts. Soil science; Vol. 160, no. 1 (July 1995): p. 69-76.

146. Fredericksen, T. S.; Steiner, K. C.; Skelly, J. M.; Joyce, B. J.; Kolb, T.E.; Kouterick, K. B. Ferdinand, J. A. Diel and seasonal patterns of leaf gas exchange and xylem water potentials of different-sized Prunus serotina Ehrh. trees. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 359-365.

147. McMillin, J. D.; Wagner, M. R. Season and intensity of water stress effects on needle toughness of ponderosa pine. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1166-1173.

148. Thierron, V.; Laudelout, H. Contribution of root respiration to total CO2 efflux from the soil of a deciduous forest. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1142-1148.

149. Zhong, H.; Hastings, F. L.; Hain, F. P.; Monahan, J. F. Carbaryl degradation on tree bark as influenced by temperature and humidity. Journal of economic entomology; Vol. 88, no. 3 (June 1995): p. 558-563. Cooperated agreement PNW-86-526.

074. PLANT ECOLOGY

150. Barton, A. M. Fire adaptations in pines and oaks : tree population responses to fire suppression in Arizona's Madrean forests. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 159-163. (General technical report INT ; GTR-320).

151. Benson, N. C.; Kurth, L. L. Vegetation establishment on rehabilitated bulldozer lines after the 1988 Red Bench Fire in Glacier National Park. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 164-167. (General technical report INT ; GTR-320).

152. Camp, A.; Oliver, C.; Hessburg, P.; Everett, R. Spatial changes in forest landscape patterns from altered disturbance regimes on the eastern slope of the Washington Cascades. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 169-172. (General technical report INT ; GTR-320).

153. Constabel, A. J.; Lieffers, V. J. Seasonal patterns of light transmission through boreal mixedwood canopies. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1008-1014.

154. Halford, A. S.; Nowak, R. S. Distribution and ecological characteristics of Lewisia longipetala (piper) clay, a high altitude endemic plant. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 225-236.

155. Hamerlynck, E. P. ; Knapp, A. K. Environmental and physiological factors influencing the distribution of oaks near the edge of their range. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 17-20.

156. Hartnett, D. C. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan.: Kansas State University; c1995: vi, 257 p.

157. Hysell, M. T.; Grier, C. C. Dam-forming cacti and nitrogen enrichment in a pinon-juniper woodland in northwestern Arizona. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 211-224.

158. Ladyman, J. A. R.; Muldavin, E. Terrestrial cryptogams of pinyon-juniper woodlands in the southwestern United States : a review. Fort Collins, Colo.: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station; 1996: 33 p. (General technical report RM; GTR-280).

159. Liu, J.; Ashton, P. S. Individual-based simulation models for forest succession and management. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 157-175.

160. Murray, M. P. ; Bunting, S. C.; Morgan, P. Whitebark pine and fire suppression in small wilderness areas. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 237-240. (General technical report INT ; GTR-320).

161. Schultz, B. W.; Tausch, R. J.; Tueller, P. T. Spatial relationships among young Cercocarpus ledifolius (curleaf mountain mahogany). Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 261-266.

080. PLANT INJURY/PEST CONTROL

162. Christopherson, J.; Lewis, S. R.; Havercamp, M. Lake Tahoe's Forest Health Consensus Group : forging a common vision. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 10-12.

163. Gillespie, A. J. R. Research and development needs for forest ecosystem monitoring. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 241-246. (General technical report RM ; GTR-284).

164. Lewis, T. E.; Stolte, K. W.; Smith, W. D. Selecting and testing indicators of forest health. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 140-156. (General technical report RM ; GTR-284).

165. Powell, D. S. Summary of research and development needs for monitoring forest and rangeland ecosystems. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 295-296. (General technical report RM ; GTR-284).

166. Stolte, K. W.; Lund, H. G. Forest health monitoring program in the United States. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 55-67. (General technical report RM ; GTR-284).

167. Werner, R. A. Forest health in boreal ecosystems in Alaska. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 43-46.

168. Wiersma, G. B.; Bruns, D. A. Monitoring for ecological assessment. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 31-38. (General technical report RM ; GTR-284).

081. MYCOLOGY/PATHOLOGY

169. Hawksworth, F. G.; Wiens, D.; Geils, B. W.; Nisley, R. G. Dwarf mistletoes : biology, pathology, and systematics. Washington, D.C.: U.S. Dept. of Agriculture, Forest Service; 1996: xii, 410 p. (Agriculture handbook (United States. Dept. of Agriculture); no. 709).

170. Kope, H. H.; Sutherland, J.; Trotter, D. Influence of cavity size, seedling growing density and fungicide applications on Keithia blight of western redcedar seedling growth and field performance. New forests; Vol. 11, no. 2 (Mar. 1996): p. 137-147.

171. Lindner, D. L.; Volk, T. J.; Burdsall, H. H. Entoloma abortivum as a parasite of Armillaria. Inoculum. Newsletter of the Mycological Society of America; Vol. 47, no. 3 (June 1996): p. 19.

172. Thies, W. G.; Nelson, E. E. Reducing Phellinus weirii inoculum by applying fumigants to living Douglas-fir. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1158-1165.

173. Van der Kamp, B. J.; Blenis, P. V. A model of hyperparasite regulation of the gall rust-lodgepole pine pathosystem. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1256-1265.

174. Volk, T. J.; Krawczyk, J.; Kozak, M. E. Ecological guides to the cultivation of edible mushrooms. Inoculum. Newsletter of the Mycological Society of America; Vol. 47, no. 3 (June 1996): p. 32.

082. INSECTS AND OTHER INVERTEBRATES

175. Addison, J. A.; Holmes, S. B. Effect of two commercial formulations of Bacillus thuringiensis subsp. kurstaki on the forest earthworm Dendrobaena octaedra. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1594-1601.

176. Anhold, J. A.; Jenkins, M. J.; Long, J. N. Management of lodgepole pine stand density to reduce susceptibility to mountain pine beetle attack. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 50-53.

177. Dix, M. E. Pest management in agroforestry systems : worldwide challenges in the 21st century. Journal of forestry; Vol. 94, no. 9 (Sept. 1996): p. 8-12.

178. Hamilton, K. G. A. Evaluation of leafhoppers and their relatives (Insecta: Homoptera: Auchenorrhyncha) as indicators of prairie preserve quality. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 211-226.

179. Mason, R. R. Dynamic behavior of Douglas-fir tussock moth populations in the Pacific Northwest. Forest science; Vol. 42, no. 2 (May 1996): p. 182-191.

180. Miller, D. R.; McManus, M. A.; Reardon, R. E. Some atmospheric turbulence and stability effects on aerial spray penetration into hardwood forest canopies. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 93-101.

181. Olsen, W. K.; Schmid, J. M.; Mata, S. A. Stand characteristics associated with mountain pine beetle infestations in ponderosa pine. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 310-327.

182. Piene, H.; D'Amours, J.; Bray, A. A. Spruce budworm defoliation and growth loss in young balsam fir : estimation of volume growth based on stem analysis and increment cores at breast height. Northern journal of applied forestry; Vol. 13, no. 2 (June 1996): p. 73-78.

183. Piene, H.; Fleming, R. A. Spruce budworm defoliation and growth loss in young balsam fir : spacing effects on needlefall in protected trees. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 282-289.

184. Su, Q.; MacLean, D. A.; Needham, T. D. The influence of hardwood content on balsam fir defoliation by spruce budworm. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1620-1628.

185. Teske, M. E. The status of FSCBG and related model developments : a 1996 update. Davis, CA: U.S. Dept. of Agriculture, Forest Service, Forest Health Protection; 1996: 8 p. (C.D.I. technical memo; no. 96-12).

186. Wilson, W. L.; Day, K. R. Variation in the relative abundance of the large pine weevil among Sitka spruce plantation sites. Forestry; Vol. 69, no. 2 (1996): p. [177]-179.

187. Zhong, H.; Hastings, F. L.; Hain, F. P.; Dauterman, W. C. Comparison of the metabolic fate of carbaryl-naphthyl-1-14C in two beetle species (Coleoptera: Scolytidae). Journal of economic entomology; Vol. 88, no. 3 (June 1995): p. 551-557. Cooperated agreement PNW-86-526.

083. HARMFUL VEGETATION

188. Lindquist, J. L.; Maxwell, B. D.; Weaver, T. Potential for controlling the spread of Centaurea maculosa with grass competition. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 267-271.

189. Sheley, R. L.; Larson, L. L. Emergence date effects on resource partitioning between diffuse knapweed seedlings. Journal of range management; Vol. 49, no. 3 (May 1996): p. 241-244.

190. Sterling, T. M.; Lownds, N. K.; Murray, L. W. Environmental effects on picloram uptake and ethylene production by broom snakeweed. Journal of range management; Vol. 49, no. 3 (May 1996): p. 245-250.

191. Williamson, M.; Parker, D. Low-impact, selective herbicide application for control of pinon/juniper : a field guide. [Albuquerque, N.M.]: USDA Forest Service, Southwestern Region; 1995: [4] p.

084. ENVIRONMENTAL INJURY

192. O'Hara, K. L.; Buckland, P. A. Prediction of pruning wound occlusion and defect core size in ponderosa pine. Western journal of applied forestry; Vol. 11, no. 2 (Apr. 1996): p. 40-43.

193. Rose, R.; Haase, D. L. Irrigation for frost protection in forest nurseries : room for improvement. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 16-19.

194. Van den Driessche, R. Drought resistance and water use efficiency of conifer seedlings treated with paclobutrazol. New forests; Vol. 11, no. 1 (Jan. 1996): p. 65-83.

085. ANIMAL DAMAGE

195. Bai, Y.; Romo, J. T. Fringed sagebrush response to sward disturbances : seedling dynamics and plant growth. Journal of range management; Vol. 49, no. 3 (May 1996): p. 228-233.

196. Guthery, F. S.; Bingham, R. L. A theoretical basis for study and management of trampling by cattle. Journal of range management; Vol. 49, no. 3 (May 1996): p. 264-269.

197. Roth, B. E.; Newton, M. Role of lammas growth in recovery of Douglas-fir seedlings from deer browsing, as influenced by weed control, fertilization, and seed source. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 936-944.

090. FIRES

198. Andrews, P. L.; Bevins, C. D. Fire growth simulation for prescribed natural fire. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 147-148. (General technical report INT ; GTR-320).

199. Andrews, P. L.; Bradshaw, L. S. Fire danger rating and the go/no-go decision for prescribed natural fire. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 149-151. (General technical report INT ; GTR-320).

200. Baisan, C. H.; Swetnam, T. W. Historical fire occurrence in remote mountains of southwestern New Mexico and northern Mexico. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 153-156. (General technical report INT ; GTR-320).

201. Campbell, G. S.; Jungbauer, J. D.; Bristow, K. L.; Hungerford, R. D. Soil temperature and water content beneath a surface fire. Soil science; Vol. 159, no. 6 (June 1995): p. 363-374.

202. Caprio, A. C.; Swetnam, T. W. Historic fire regimes along an elevational gradient on the west slope of the Sierra Nevada, California. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 173-179. (General technical report INT ; GTR-320).

203. Close, K. R.; Wakimoto, R. H. GIS applications in wildland/urban interface fire planning : the Missoula County (Montana) project. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 180-185. (General technical report INT ; GTR-320).

204. Cohen, J. D.; Saveland, J. M.; Chase, R. A. Protecting structures in parks and wilderness. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 186-188. (General technical report INT ; GTR-320).

205. Daniels, S. E. Using collaborative learning in fire recovery planning. Journal of forestry; Vol. 94, no. 8 (Aug. 1996): p. 4-9.

206. Finney, M. A. Fire growth modeling in the Sierra Nevada of California. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 189-191. (General technical report INT ; GTR-320).

207. Fischer, R. A.; Reese, K. P.; Connelly, J. W. An investigation on fire effects within xeric sage grouse brood habitat. Journal of range management; Vol. 49, no. 3 (May 1996): p. 194-198.

208. Foote, M. J.; Deines, F. An analysis of the process, problems and results using the Yukon Flats National Wildlife Refuge Buttes Gap experience as a case study. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 192-194. (General technical report INT ; GTR-320).

209. Fried, J. S.; Fried, B. D. Simulating wildfire containment with realistic tactics. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 267-281.

210. Grissino-Mayer, H. D.; Swetnam, T. W. Effects of habitat diversity on fire regimes in El Malpais National Monument, New Mexico. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 195-200. (General technical report INT ; GTR-320).

211. Hartford, R. A.; Chase, C. A.; Rothermel, R. C. Greater Yellowstone Area fire growth, 1988. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 203. (General technical report INT ; GTR-320).

212. Hoagstrom, C. W.; Schetter, T. A.; Tumino, L. L. Effect of a prescribed burn on the small mammals of an old field in the prairie peninsula area of Ohio. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 55-57.

213. Huckaby, L. S.; Moir, W. H. Fire history of subalpine forests at Fraser Experimental Forest, Colorado. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 205-210. (General technical report INT ; GTR-320).

214. Jakala, S. G. Underburning to reduce fire hazard in the southern boreal transition forest of Voyageurs National Park, Minnesota--preliminary results. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 211-213. (General technical report INT ; GTR-320).

215. Keane, R. E.; Reinhardt, E. D.; Brown, J. K. FOFEM : a first order fire effects model. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 214. (General technical report INT ; GTR-320).

216. Keifer, M.; Stanzler, P. M. Fire effects monitoring in Sequoia and Kings Canyon National Parks. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 215-218. (General technical report INT ; GTR-320).

217. Kurth, L. L.; Benson, N. C. Prescribed fire in two prairies in the North Fork of the Flathead River Valley of Glacier National Park. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of

Agriculture, Forest Service, Intermountain Research Station, 1995: p. 219-225. (General technical report INT ; GTR-320).

218. Mark, C. A.; Bushey, C. L.; Smetanka, W. Fuel model identification and mapping for fire behavior prediction in the Absaroka-Beartooth Wilderness, Montana and Wyoming. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 227-229. (General technical report INT ; GTR-320).

219. Miller, M.; Gossard, C.; Mahoney, K. Fire management considerations for BLM wilderness areas. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 230-232. (General technical report INT ; GTR-320).

220. Oelfke, J. G. Prescription for a wilderness : Isle Royale National Park. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 247-249. (General technical report INT ; GTR-320).

221. Parkhurst, W. R.; Bahr, R. R.; Johnson, L. W. A comprehensive system to monitor 1,000 fuel moistures in Yellowstone National Park. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 250-252. (General technical report INT ; GTR-320).

222. Parkhurst, W. R.; Bahr, R. R.; Johnson, L. W. A system to remotely sense moisture levels in 10-hour time-lag fuels. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 253-255. (General technical report INT ; GTR-320).

223. Reeberg, P. The Western Region fire monitoring handbook. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 259-261. (General technical report INT ; GTR-320).

224. Spoon, C. W. The Galusha Peak Fire : a case study in wilderness management. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 266. (General technical report INT ; GTR-320).

225. Touchan, R.; Swetnam, T. W.; Grissino-Mayer, H. D. Effects of livestock grazing on pre-settlement fire regimes in New Mexico. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 268-272. (General technical report INT ; GTR-320).

226. Weir, J. M. H.; Chapman, K. J.; Johnson, E. A. Wildland fire management and the fire regime in the southern Canadian Rockies. Proceedings : Symposium on Fire in Wilderness and Park Management : Missoula, MT, March 30-April 1, 1993. [Ogden, UT] : U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, 1995: p. 275-280. (General technical report INT ; GTR-320).

100. PHYSICAL ENVIRONMENT

227. Knyazikhin, Y. Modelling three-dimensional distribution of photosynthetically active radiation in sloping coniferous stands. Biomass and bioenergy; Vol. 11, nos. 2/3 (1996): p. 189-200.

101. SOILS

228. de Jong, E.; Kowalchuk, T. E. The effect of shelterbelts on erosion and soil properties. Soil science; Vol. 159, no. 5 (May 1995): p. 337-345.

229. Helliwell, D. R. Vegetation succession on a relocated ancient woodland soil. Forestry; Vol. 69, no. 1 (1996): p. [57]-74.

230. Huang, W. Z.; Schoenau, J. J. Distribution of water-soluble organic carbon in an aspen forest soil. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1266-1272.

231. Macklon, A. E. S.; Mackie-Dawson, L. A.; Shand, C. A.; Sim, A. Soil water effects on growth and nutrition in upland pastures. Journal of range management; Vol. 49, no. 3 (May 1996): p. 251-256.

232. Milner, K. S.; Running, S. W.; Coble, D. W. A biophysical soil-site model for estimating potential productivity of forested landscapes. Canadian journal of forest research; Vol. 26, no. 7 (July 1996): p. 1174-1186.

233. Pare, D.; Bergeron, Y. Effect of colonizing tree species on soil nutrient availability in a clay soil of the boreal mixedwood. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1022-1031.

234. Parker, K. C. Effects of complex geomorphic history on soil and vegetation patterns on arid alluvial fans. Journal of arid environments; Vol. 30, no. 1 (May 1995): p. 19-39.

235. Safferman, S. I.; Lamar, R. T. Treatability study using Phanerochaete sordida for the

bioremediation of DDT contaminated soil. Toxicological and environmental chemistry; Vol. 50 (1996): p. 237-251.

236. Sharmasarkar, S.; Vance, G. F. Fractional partitioning for assessing solid-phase speciation and geochemical transformations of soil selenium. Soil science; Vol. 160, no. 1 (July 1995): p. 43-55.

237. Smethurst, P. J.; Nambiar, E. K. S. Changes in soil carbon and nitrogen during the establishment of a second crop of Pinus radiata. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 145-155.

238. Watters, S. E.; Weltz, M. A.; Smith, E. L. Evaluation of a site conservation rating system in southeastern Arizona. Journal of range management; Vol. 49, no. 3 (May 1996): p. 277-284.

102. HYDROLOGY

239. Corner, R. A.; Bassman, J. H.; Moore, B. C. Monitoring timber harvest impacts on stream sedimentation : instream vs. upslope methods. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 25-32.

240. Lockhart, L. Sediment core studies in the assessment of contamination of surface waters. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 73-84. (General technical report RM ; GTR-284).

241. Richards, C.; Host, G. E. Examining land use influences on stream habitats and macroinvertebrates : a GIS approach. Water resources bulletin; Vol. 30, no. 4 (Aug. 1994): p. 729-738.

242. Richardson, C. J.; McCarthy, E. J. Effect of land development and forest management on hydrological response in southeastern coastal wetlands : a review. Wetlands, the journal of the Society of Wetland Scientists; Vol. 14, no. 1 (Mar. 1994): p. 56-71.

243. Shepard, J. P. Effects of forest management on surface water quality in wetland forests. Wetlands, the journal of the Society of Wetland Scientists; Vol. 14, no. 1 (Mar. 1994): p. 18-26.

244. Zampella, R. A. Characterization of surface water quality along a watershed disturbance gradient. Water resources bulletin; Vol. 30, no. 4 (Aug. 1994): p. 605-611.

103. GEOLOGY/MINING/MINERAL RESOURCES

245. Federal land management : information on efforts to inventory abandoned hard rock mines. [Washington, D.C.]: U.S. General Accounting Office; 1996: 18 p.

104. CLIMATOLOGY/METEOROLOGY/PHYSICS

246. Carter, K. K. Provenance tests as indicators of growth response to climate change in 10 north temperate tree species. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 1089-1095.

247. Koenig, W. D. Acorn production by oaks in central coastal California : influence of weather at three levels. Canadian journal of forest research; Vol. 26, no. 9 (Sept. 1996): p. 1677-1683.

248. Loehle, C. Forest response to climate change : do simulations predict unrealistic dieback? Journal of forestry; Vol. 94, no. 9 (Sept. 1996): p. 13-15.

249. Mayocchi, C. L.; Bristow, K. L. Soil surface heat flux : some general questions and comments on measurements. Agricultural and forest meteorology; Vol. 75, nos. 1/3 (June 1995): p. 43-50.

250. Schwartz, R. C.; Fryrear, D. W.; Harris, B. L.; Bilbro, J. D.; Juo, A. S. R. Mean flow and shear stress distributions as influenced by vegetative windbreak structure. Agricultural and forest meteorology; Vol. 75, nos. 1/3 (June 1995): p. 1-22.

112. TERRESTRIAL ANIMALS

251. Brillhart, D. E.; Kaufman, G. A.; Kaufman, D. W. Small-mammal use of experimental patches of tallgrass prairie : influence of topographic position and fire history. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 59-65.

252. Clark, B. K. Population ecology of Elliot's short-tailed shrew and least shrew in ungrazed tallgrass prairie manipulated by experimental fire. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 87-92.

253. O'Rourke, D.; Kilroy, B. Northern pocket gopher. Missoula, Mont.: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1995: 2 p. (Timber tech tips; 9524-2337-MTDC).

113. AQUATIC ANIMALS

254. Duff, D. A. Bonneville cutthroat trout, Oncorhynchus clarki utah. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1996: p. 35-73.

255. Duff, D. A. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah: U.S. Dept. of Agriculture, Forest Service, Intermountain Region; 1996: viii, 120, [11] p.

256. May, B. E. Yellowstone cutthroat trout, Oncorhynchus clarki bouvieri. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1996: p. 11-34.

257. Stumpff, W. K.; Cooper, J. Rio Grande cutthroat trout, Oncorhynchus clarki viriginalis [i.e. virginalis]. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1996: p. 74-86.

258. Van Eimeren, P. Westslope cutthroat trout, Oncorhynchus clarki lewsii. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1996: p. 1-10.

259. Young, M. K.; Schmal, R. N.; Leonard, V. G. Colorado River cutthroat trout, Oncorhynchus clarki pleuriticus. Conservation assessment for inland cutthroat trout : distribution, status and habitat management implications. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1996: p. 87-119.

115. ANIMAL ECOLOGY

260. Bleich, V. C.; Pierce, B. M.; Davis, J. L.; Davis, V. L. Thermal characteristics of mountain lion dens. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 276-278.

261. Budy, P.; Luecke, C.; Wurtsbaugh, W. A.; Gross, H. P. Limnology of Sawtooth Valley Lakes with respect to potential growth of juvenile Snake River sockeye salmon. Northwest science; Vol. 69, no. 2 (May 1995): p. 133-150.

262. Grayson, D. K.; Livingston, S. D.; Rickart, E.; Shaver, M. W. Biogeographic significance of low-elevation records for Neotoma cinerea from the northern Bonneville Basin, Utah. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 191-196.

263. Hodgman, T. P.; Davitt, B. B.; Nelson, J. R. Monitoring mule deer diet quality and intake with fecal indices. Journal of range management; Vol. 49, no. 3 (May 1996): p. 215-222.

264. Mattson, D. J.; Reinhart, D. P. Indicators of red squirrel (Tamiasciurus hudsonicus) abundance in the whitebark pine zone. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 272-275.

265. Mattson, T. A.; Buskirk, S. W.; Stanton, N. L. Roost sites of the silver-haired bat (Lasionycteris noctivagans) in the Black Hills, South Dakota. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 247-253.

266. Modde, T.; Haines, G. B. Brook stickleback (Culaea inconstans [Kirtland 1841]) : a new addition to the upper Colorado River basin fish fauna. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 281-282.

267. Paragi, T. F.; Arthur, S. M.; Krohn, W. B. Importance of tree cavities as natal dens for fishers. Northern journal of applied forestry; Vol. 13, no. 2 (June 1996): p. 79-83.

268. Yensen, E.; Baird, C. R.; Sherman, P. W. Larger ectoparasites of the Idaho ground squirrel (Spermophilus brunneus). Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 237-246.

120. RANGE MANAGEMENT

269. Grings, E. E.; Haferkamp, M. R.; Heitschmidt, R. K.; Karl, M. G. Mineral dynamics in forages of the northern Great Plains. Journal of range management; Vol. 49, no. 3 (May 1996): p. 234-240.

270. Henebry, G. M.; Su, H. Observing spatial structure in the Flint Hills using AVHRR biweekly composites of maximum NDVI. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 143-151.

271. Herrick, J. E. Soil and vegetation indicators for assessment of rangeland ecological condition. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 157-166. (General technical report RM ; GTR-284).

272. Hirschfeld, D. J.; Kirby, D. R.; Caton, J. S.; Silcox, S. S.; Olson, K. C. Influence of grazing management on intake and composition of cattle diets. Journal of range management; Vol. 49, no. 3 (May 1996): p. 257-263.

273. Kurtz, C. P. Effects of post-planting mowing on prairie reconstructions. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 181-183.

274. Majak, W.; Stroesser, L.; Hall, J. W.; Quinton, D. A.; Douwes, H. E. Seasonal grazing of Columbia milkvetch by cattle on rangelands in British Columbia. Journal of range management; Vol. 49, no. 3 (May 1996): p. 223-227.

275. Mohammad, A. G.; Ferrando, C. A.; Murray, L. W.; Pieper, R. D.; Wallace, J. D. Season and sex influences on botanical composition of cattle diets in southern New Mexico. Journal of range management; Vol. 49, no. 3 (May 1996): p. 204-208.

276. Nernberg, D. J. Landscape prairie restoration : a mixed-grass prairie perspective. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 185-192.

277. Rosenstock, S. S. Shrub-grassland small mammal and vegetation responses to rest from grazing. Journal of range management; Vol. 49, no. 3 (May 1996): p. 199-203.

278. Torell, L. A.; Kincaid, M. E. Public land policy and the market value of New Mexico ranches, 1979-94. Journal of range management; Vol. 49, no. 3 (May 1996): p. 270-276.

279. Wambolt, C. L.; Fraas, W. W.; Frisina, M. R. Variation in bitterbrush (Purshia tridentata pursh) crude protein in southwestern Montana. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996): p. 205-210.

280. Winder, J. A.; Walker, D. A.; Bailey, C. C. Effect of breed on botanical composition of cattle diets on Chihuahuan desert range. Journal of range management; Vol. 49, no. 3 (May 1996): p. 209-214.

130. LAND USE

281. Anderson, J. H. Federal lands : information on land owned and on acreage with conservation restrictions. [Washington, D.C.]: U.S. General Accounting Office; [1995]: 8 p. (Testimony; GAO-T-RCED-95-117).

282. Bettinger, P.; Alig, R. J. Timber availability on non-federal land in western Washington : implications based on physical characteristics of the timberland base. Forest products journal; Vol. 46, no. 9 (Sept.1996): p. 30-38.

283. Federal lands : information on land owned and on acreage with conservation restrictions. [Washington, D.C.]: U.S. General Accounting Office; 1995: 40 p.

284. Land ownership : information on the acreage, management, and use of federal and other lands. [Washington, D.C.]: U.S. General Accounting Office; 1996: 48 p.

285. Yin, Y.; Pierce, J. T.; Love, F. Designing a multisector model for landconversion study. Journal of environmental management; Vol. 44, no. 3 (July 1995): p. 249-266.

131. LAND USE--GENERAL

286. Lelievre, M.; Serodes, J.-B. A new approach for the identification of environmental issues at stake in a road project. Journal of environmental management; Vol. 44, no. 3 (July 1995): p. 221-231.

287. Pardo, R. Community forestry comes of age. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 20-24.

288. Richardson, C. J. Ecological functions and human values in wetlands : a framework for assessing forestry impacts. Wetlands, the journal of the Society of Wetland Scientists; Vol. 14, no. 1 (Mar. 1994): p. 1-9.

134. RURAL DEVELOPMENT

289. Diemer, J. A.; Alvarez, R. C. Sustainable community, sustainable forestry : a participatory model. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 10-14.

140. FOREST RECREATION

290. Boxall, P. C.; Watson, D. O.; Englin, J. Backcountry recreationists' valuation of forest and park management features in wilderness parks of the western Canadian Shield. Canadian journal of forest research; Vol. 26, no. 6 (June 1996): p. 982-990.

291. Kangas, J. Supporting the choice of the sports fishing site. Journal of environmental management; Vol. 43, no. 3 (Mar. 1995): p. 219-231.

292. Vento, B. F. Federal lands : information on the use and impact of off-highway vehicles. [Washington, D.C.]: U.S. General Accounting Office; 1995: 77 p.

150. SOCIAL SCIENCE AND EDUCATION

293. Daigle, P. W. Reducing the visual impact of timber harvesting cable corridors in partially cut stands. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 33-34.

294. Luloff, A. E. Regaining vitality in the forestry profession : a sociologist's perspective. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 6-9.

295. Paun, D. A.; Shook, S. R.; Schreuder, G. F. Educational mindsets : the importance of

marketing and economics in forestry education. Journal of forestry; Vol. 94, no. 9 (Sept. 1996): p. 29-33.

296. Shina, T.; Triandafillou, P. Environmental education : building awareness through experience. Journal of forestry; Vol. 93, no. 11 (Nov. 1995): p. 16-19.

160. ECOSYSTEMS

297. Avila, F. Some statistical considerations for environmental monitoring. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 169-171. (General technical report RM ; GTR-284).

298. Boyle, T. P. The use of resource inventories for the evaluation of threats to ecosystems and protection of the environment. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 212-216. (General technical report RM ; GTR-284).

299. Bravo, C. A. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos : Mexico City, September 18-22, 1995. Fort Collins, Colo.: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station; 1996: 305 p. (General technical report RM; GTR-284).

300. Cook, J. E. Implications of modern successional theory for habitat typing : a review. Forest science; Vol. 42, no. 1 (Feb. 1996): p. 67-75.

301. Gordon, A. G. The sweep of the boreal in time and space, from forest formations to genes, and implications for management. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 19-30.

302. Haggstrom, D. A.; Kelleyhouse, D. G. Silviculture and wildlife relationships in the boreal forest of interior Alaska. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 59-62.

303. McRae, T. Design and development of environmental indicators with reference to Canadian agriculture. North American workshop on monitoring for ecological assessment of terrestrial and aquatic ecosystems = Taller norteamericano sobre monitoreo para la evaluacion ecologica de ecosistemas terrestres y acuaticos: Mexico City, September 18-22, 1995. Fort Collins, CO : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1996: p. 118-139. (General technical report RM ; GTR-284).

304. Moir, W. H.; Mowrer, H. T. Unsustainability. Forest ecology and management; Vol. 73, nos. 1/3 (May 1995): p. 239-248.

305. Pojar, J. Environment and biogeography of the western boreal forest. Forestry chronicle; Vol. 72, no. 1 (Jan./Feb. 1996): p. 51-58.

306. Sims, P. L.; Berg, W. A.; Bradford, J. A. Vegetation of sandhills under grazed and ungrazed conditions. Fourteenth North American Prairie Conference : prairie biodiversity, Kansas State University, Manhattan, Kansas, July 12-16, 1994. Manhattan, Kan. : Kansas State University, c1995: p. 129-135.

307. Toman, M. A.; Ashton, P. M. S. Sustainable forest ecosystems and management--a review article. Forest science; Vol. 42, no. 3 (Aug. 1996): p. 366-377.

170. WILDLIFE MANAGEMENT

308. Animal Damage Control program : efforts to protect livestock from predators. [Washington, D.C.]: U.S. General Accounting Office; 1995: 19 p.

309. Baker, F. A.; Daniels, S. E.; Parks, C. A. Inoculating trees with wood decay fungi with rifle and shotgun. Western journal of applied forestry; Vol. 11, no. 1 (Jan. 1996): p. 13-15.

310. Boman, M. Estimating costs and genetic benefits of various sizes of predator populations : the case of bear, wolf, wolverine and lynx in Sweden. Journal of environmental management ; Vol. 43, no. 4 (Apr. 1995): p. 349-357.

311. Cable, T. T.; Seltman, S.; Cook, K. J. Birds of Cimarron National Grassland. Fort Collins, Colo.: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station; 1996: iv, 108 p. (General technical report RM; GTR-281).

312. Endangered Species Act : information of species protection on nonfederal lands. [Washington, D.C.]: U.S. General Accounting Office; 1994: 23 p.

313. Messmer, T. A.; Schroeder, S. Perceptions of Utah alfalfa growers about wildlife damage to their hay crops : implications for managing wildlife on private land. Great Basin naturalist; Vol. 56, no. 3 (July 31, 1996) : p. 254-260.

314. Wernstedt, K.; Paulsen, C. M. Economic and biological analysis to aid system planning for salmon recovery in the Columbia River Basin. Journal of environmental management; Vol. 43, no. 4 (Apr. 1995): p. 313-331.

241. FUNGI

315. Banik, M. T.; Volk, T. J.; Burdsall, H. H. Armillaria species of the Olympic Peninsula of Washington State, including confirmation of North American biological species XI. Mycologia; Vol. 88, no. 3 (1996): p. 492-496.

316. Bogan, B. W.; Lamar, R. T.; Cullen, D. Manganese peroxidase mRNA and enzyme activity levels during bioremediation of polycyclic aromatic hydrocarbon-contaminated soil with Phanerochaete chrysosporium. Applied and environmental microbiology; Vol. 62, no. 7 (July 1996): p. 2381-2386.

317. Hammel, K. E. Extracellular free radial biochemistry of ligninolytic fungi. New journal of chemistry; Vol. 20, no. 2 (1996): p. [195]-198.

300. OTHER TOPICS

318. Information superhighway : an overview of technology challenges. [Washington, D.C.]: U.S. General Accounting Office; 1995: 84 p.

319. Niskanen, K. J.; Alava, M. J. Planar random networks with flexible fibers. Physical review letters; Vol. 73, no. 25 (Dec. 19, 1994): p. 3475-3478.

COAL/HYDROCARBONS

G001. Diffusion of methane and ethane through the reservoir cap rock; implications for the timing and duration of catagenesis; discussion and reply
Wilson, H. H.; Nelson, Jon S.; Simmons, E. C.
1601 South Shepherd, Houston, TX, United States; Colorado School of Mines, United States
AAPG Bulletin, vol. 80, no. 9, p. 1483-1488, 1996.
Note: For reference to original see Nelson, Jon S. and Simmons, E. C., AAPG Bull., Vol. 79, No. 7, p. 1064-1074, July 1995.

G002. Isotope and molecular evidence for the diverse origins of carboxylic acids in leaf fossils and sediments from the Miocene lake Clarkia Deposit, Idaho, U.S.A.
Huang, Yongsong; Lockheart, Matthew J.; Logan, Graham A.; Eglinton, Geoffrey
Biogeochemistry Research Centre, Department of Geology, Bristol, United Kingdom; University of Bristol
Organic Geochemistry, vol. 24, no. 3, p. 289-299, 1996.

G003. Near surface soils; the interface between deep reservoir hydrocarbons and metals in Sagebrush, Lodgepole oil field, Utah
Scott, L. F.; McCoy, R. M.
Western Washington University, Bellingham, WA, United States; University of Utah, United States
Proceedings of the Ninth thematic conference on Geologic remote sensing; exploration, environment, and engineering
Environmental Research Institute of Michigan, Ann Arbor, MI, United States
Ninth thematic conference on Geologic remote sensing; exploration, environment and engineering, Pasadena, CA, United States, Feb. 8-11, 1993.
Proceedings of the Thematic Conference on Remote Sensing for Exploration Geology , vol. 9, p. 861-869, 1993.

G004. Spectral reflectance response of big sagebrush to hydrocarbon-induced stress in the Bighorn Basin, Wyoming
Bammel, Bobby H.; Birnie, Richard W.
Dartmouth College, Department of Earth Sciences, Hanover, NH, United States
Proceedings of the Ninth thematic conference on Geologic remote sensing; exploration, environment, and engineering
Environmental Research Institute of Michigan, Ann Arbor, MI, United States

Ninth thematic conference on Geologic remote sensing; exploration, environment and engineering, Pasadena, CA, United States, Feb. 8-11, 1993.
Proceedings of the Thematic Conference on Remote Sensing for Exploration Geology , vol. 9, p. 891-902, 1993.

G005. Widespread venting of methane-rich fluids in Late Cretaceous (Campanian) submarine springs (Tepee Buttes), Western Interior Seaway, U.S.A.
Kauffman, Erle G.; Arthur, Michael A.; Howe, Brigitte; Scholle, Peter A.
University of Colorado, Department of Geological Sciences, Boulder, CO, United States; Pennsylvania State University, Department of Geosciences, University Park, PA, United States, Southern Methodist University, Department of Geological Sciences, Dallas, TX, United States
Geology (Boulder), vol. 24, no. 9, p. 799-802, 1996.

ENGINEERING GEOLOGY

G006. Geologic control of severe expansive clay damage to a subdivision in the Pierre Shale, Southwest Denver metropolitan area, Colorado
Gill, J. D.; West, M. W.; Noe, D. C.; Olsen, H. W.; McCarty, D. K.
Michael W. West and Associates, Morrison, CO, United States; Colorado Geological Survey, United States, Colorado
School of Mines, United States, Montana State University, United States
Clays and Clay Minerals, vol. 44, no. 4, p. 530-539, 1996.

G007. Lime stabilization of clay minerals and soils
Bell, F. G.
University of Natal, Department of Geology and Applied Geology, Dalbridge, South Africa
Engineering Geology, vol. 42, no. 4, p. 223-237, 1996.

GROUNDWATER

G008. Shallow ground-water quality beneath a major urban center; Denver, Colorado, USA
Bruce, Breton W.; McMahon, Peter B.
U. S. Geological Survey, Denver, CO, United States
Journal of Hydrology, vol. 186, no. 1-4, p. 129-151, 1996.

MINERALS/MINERALOGY

G009. Aeromagnetic, radiometric, and gravity data for Coronado National Forest
Gettings, Mark E.
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 77-101, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G010. Alteration of Tertiary volcanic rocks at the Portland gold-silver deposit, Arizona
Prior, G. J.; Whitehead, R. E.; Davies, J. F.
Norwin Geological, Sudbury, ON, Canada; Laurentian University
Exploration and Mining Geology, vol. 2, no. 4, p. 333-344, 1993.

G011. Geochemistry of Coronado National Forest
Nowlan, Gary A.
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 43-75, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G012. Geology of Coronado National Forest
Drewes, Harald
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 17-41, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G013. Large-basin ground water circulation and paleo-reconstruction of circulation leading to uranium mineralization in Grand Canyon breccia pipes, Arizona
Huntoon, Peter W.

University of Wyoming, Department of Geology and Geophysics, Laramie, WY, United States
The Mountain Geologist, vol. 33, no. 3, p. 71-84, 1996.

G014. Mineral resources and resource potential of Coronado National Forest; leasable minerals
Drewes, Harald
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 169-175, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G015. Mineral resources and resource potential of Coronado National Forest; salable minerals
Gutierrez, John
U. S. Forest Service, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 177-181, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G016. Mineral resources, ore deposit models, and resource potential of Coronado National Forest; locatable minerals
Bultman, Mark W.; Drewes, Harald
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 141-168, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G017. Quantitative mineral resource assessment of Coronado National Forest
Bultman, Mark W.; Gettings, Mark E.
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 183-202, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G018. Recommendations for future earth science investigations in Coronado National Forest
Drewes, Harald; Bultman, Mark W.; Nowlan, Gary A.; Gettings, Mark E.
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 203-207, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

G019. Remote sensing and use in identification of altered rocks in Coronado National Forest
Bultman, Mark W.
U. S. Geological Survey, United States
Mineral resource potential and geology of Coronado National Forest, southeastern Arizona and southwestern New Mexico
Edited by du Bray, Edward A.
U. S. Geological Survey Bulletin 2083-A-K, p. 129-140, 1996.
Note: Prepared in cooperation with the U.S. Forest Service

PETROLEUM/PETROLEUM ENGINEERING

G020. Frontier basins seeing new exploration in New Mexico
Broadhead, Ronald F.
New Mexico Bureau of Mines and Mineral Resources, Socorro, NM, United States
Oil and Gas Journal, vol. 94, no. 38, p. 53-56, 1996.

G021. Identification and 3-D modeling of petrophysical rock types
Murray, Christopher J.
Stanford University, Department of Applied Earth Sciences, Stanford, CA, United States; Amoco Production Company Research Center, United States
Stochastic modeling and geostatistics; principles, methods, and case studies
Edited by Yarus, Jeffrey M.; Chambers, Richard L.
AAPG Computer Applications in Geology, vol. 3, p. 323-337, 1994.

STRUCTURAL GEOLOGY

G022. Brady Unit, Rock Springs Uplift, Wyoming; migration and structural history
Montgomery, Scott L.
AAPG Bulletin, vol. 80, no. 10, p. 1535-1546, 1996.

G023. Late Paleozoic deformation of interior North America; the greater ancestral Rocky Mountains
Ye, Hongzhuan; Royden, Leigh; Burchfiel, Clark; Schuepbach, Martin
Massachusetts Institute of Technology, Cambridge, MA, United States; MAXUS Energy Company, United States
AAPG Bulletin, vol. 80, no. 9, p. 1397-1432, 1996.

G024. Origin of primary and diagenetic carbonates in the lacustrine Green River Formation (Eocene), Colorado and Utah
Pitman, Janet K.
U. S. Geological Survey, United States
U. S. Geological Survey Bulletin 2157, 1996 17 p.

MANAGEMENT ALERT Section

Monthly Alert's Management Alert section appears in this publication on a bi-monthly basis or every other month. Look for the " box " on the front cover as our signal to you that a Management Alert section is available.

Subject coverage of the Management Alert generally will touch on the following topics.

Administration
Applied Psychology
Civil Rights Personnel
Communication Systems
Creativity
Decision Sciences
Environmental Issues
Fiscal and Accounting Management
Human Resources Management
Job Satisfaction
Legislative Issues
Management in Complex Organizations
Office Equipment and Services
Management
Policy Planning
Program Management
Public Administration
Public Relations
Research Management
Statistics
Tests and Measurement

This information should be of great interest to all levels of administrators, supervisors, managers, etc.

To order documents from the Management Alert section, write the letter " M " and the number (ex. M20) on the regular blue request form. It is important to include the letter " M " along with the assigned number so that it can be distinguished from the numbered items in the regular ***Monthly Alert.***

MANAGEMENT ALERT -

M01. Achieving your dreams in 1997. The Office Professional, 16(12): p. 1-3. December 1996.

M02. Breaking the news: when should you announce coming changes? Working Smart, 22(10): 5. October 1996.

M03. Eight tips for good communicators/managers. Supervision, 57(11): 16. November 1996.

M04. Getting what you want [ten rules of asking]. The Office Professional, 16(11): 1-3. November 1996.

M05. Giving bad news to the boss: time your message to avoid nasty repercussions. Working Smart, 22(11): 5. November 1996.

M06. How to iron out conflict. The Office Professional, 16(11): 1, 3-4. November 1996.

M07. Increasing your I.Q. (Innovation Quotient). The Office Professional, 15(10): 1-3. October 1996.

M08. Recipe for success: cross-functional teams + project management skills. Getting Results, 41(10): 1-4. October 1996.

M09. Ten interviewing mistakes managers make. Getting results...for the hands-on manager, 41(11): 4. November 1996.

M10. The horrors of holiday scheduling. Working Smart, 22(11): 4 p. November 1996.

M11. Violent employees: cues, clues, and constructive responses. Getting results, p. 6-7. June 1996.

M12. You're not my boss! Handling problem staffers who don't report to you. Working Smart, 22(12): 1-2. December 1996.

M13. Allie, Paul. Psychological stress in today's office environment. Supervision, 57(12): 3-4, 7. December 1996.

M14. Bielous, Gary Stretch targets: the art of asking for miracles. Supervision, 57(10): 16-18. October 1996.

M15. Bielous, Gary. How to fire! Detach yourself from the employee. Supervision, 57(11): 8-10. November 1996.

M16. Borchardt, John K. Managing time effectively. Today's Chemists at Work, 5(9): 55-58. October 1996.

M17. Brady, Teresa The legal horrors of truth-in-hiring lawsuits. Management Review, 85(10): 53-55. October 1996.

M18. Brown, Tom. Politics and managerial leadership. Management Review, 85(11): 10-15. November 1996.

M19. Buhler, Patricia. Becoming more effective--lessons from Covey. Supervision, 57(11): 24-26. November 1996.

M20. Butler, Ava S. Taking meetings by storm. American Managemat Association, 85(10): 24-28. October 1996.

M21. Caudron, Shari Angry employees bite back in court. Personnel Journal, 75(12): 32-37. December 1996.

M22. Cousins, Roland B. Active listening is more than just hearing. Supervision, 57(12): 14-15. December 1996.

M23. Douglas, Max E. Creating eustress in the workplace: a supervisor's role. Supervision, 57(10): 6-9. October 1996.

M24. Eneman, Richard G., Jr. Red in the face [embarrassment]. Office Systems96, 13(11): 36-37. November 1996.

M25. Flynn, Gillian. Xers vs. boomers: teamwork or trouble? Personnel Journal, 75(11): 86-89. November 1996.

M26. Gardner, John W. Self-renewal. The Futurist, 30(6): 9-12. November-December 1996.

M27. Ghilardi, Fiona J. Meller. Help wanted: information adviser! Searcher. the Magazine for Database Professionals, 4(9): 43-48. October 1996.

M28. Haapaniemi, Peter. Are you a defensive driver? Family Safety and Health, 55(3): 8-9. Fall 1996.

M29. Hans, Mick. Drive at a distance when winter winds whistle. Today's Supervisor, 60(11): 14-15. November 1995.

M30. Harari, Oren The magic consultant's report. Management Review, 85(10): 9-12. October 1996.

M31. Hurley, Bradford J. Office ergonomics update: a special report on ergonomics solutions. Arlington, MA: Cutter Information Corp; 1996.

M32. Ickowicz, Charles. Speak like a leader. The Toastmaster, 61(11): 16-19. November 1996.

M33. Kogan, Marcela. All worked up [employee benefits]. Government Executive, 28(11): 14-16, 18. November 1996.

M34. Kuczmarski, Thomas D. Creating an innovative mind-set. Management Review, 85(11): 47-51. November 1996.

M35. Lasbo, Jennifer J. Embrace today's new deal. Personnel Journal, 75(8): 58-60, 62, 64, 66. August 1996.

M36. Laurent, Anne Short fuse: agency downsizing, benefit cutoffs and growing hatred of government have left federal employee more... Government Executive, 28(12): 12-16, 18-19, 52. December 1996.

M37. Lee, Mie-Yun Furniture fundamentals. Office Systems 96, 13(9): 24, 26-29. September 1996.

M38. Lewis, Darcy Invest wisely in office ergonomics. Safety and Health, 154(4): 52-55. October 1996.

M39. Lewis, Darcy. Steer clear of truck blind spots. Traffic Safety, 96(6): 14-17. November/December 1996.

M40. Lindo, David K. Are you an obstacle course or a key resource? Supervision, 57(10): 3-5. October 1996.

M41. Lindo, David K. Performance artistry: Good bosses know what makes their employees tick. Office Systems 96, 13(9): 18-16. September 1996.

M42. Lindo, David K. Tell them what you expect. Supervision, 57(12): 11-13. December 1996.

M43. McCune, Jenny C. The intranet: beyond E-mail. Management Review: 85(11): 25-27. November 1996.

M44. McLester-Greenfield, Owens. Be a winner! The Office Professional, 16(12): 1-3. December 1996.

M45. Mott, Patrick. What's your excuse? [procrastination]. The Toastmaster, 62(10): 23. October 1996.

M46. Niemela, Joann Consider cadence when preparing your speech, count syllables. The toastmaster, 62(9): 14-15. September 1996.

M47. Noble, Richard L. Getting the most out of people: establishing a sense of shared ownership helps ensure a successful project. Fisheries, 21(12): 42. December 1996.

M48. Perlan, John. The emotionally impaired. Supervision, 57(11): 3-5. November 1996.

M49. Pipinich, Rod Elias. On the mark with quality quotations. The Toastmaster, 62(11): 9-10. November 1996.

M50. Sunco, Brenda Palk This employee may be loafing: can you tell? Should you care? Personnel Journal, 75(12): 54-59, 61-62. December 1996.

M51. Swanson, K. C. No way out [EEO complaint process]. Government Executive, 28(11): 47-48, 50-52. November 1996.

M52. Tapas, Tina D. Discipline with respect one step at a time. Today's Supervisor, 60(11): 8-9. November 1996.

M53. Vlchis, Debra Say goodbye to sleepless nights. Today's Supervisor, 60(12): 4-7. December 1996.

M54. Weiss, Donald H. How to say nothing an say it well. Getting Results...for the Hands-on Manager, 41(2): 4. December 1996.

M55. Winfield, Sean. Wise Buys. OfficeSystems96, 13(11): 26, 28. November 1996.

M56. Wortham, Sarah. How to manage depression in the workplace. Safety+Health, 154(5): 30-34. November 1996.

M57. Zachary, Mary-Kathryn. Handling religious expression in the workplace. Supervision, 57(12): 5-7. December 1996.

M58. Walls, William G., Jr. Working with congress: a practical guide for scientists and engineers. Washington, DC: American Association for the Advancement of Science. 1996. 160 p.

BLM Library
RECENT ADDITIONS
Book List

Recent Additions Book List is a monthly listing of book titles that have recently been added to the BLM Library collection and are available for loan via the ***Monthly Alert*** order form. Each list is arranged by various subject headings in alphabetical order and shows author, title and date. Each title will be assigned a specific "R" number for ordering purposes. This "R" number is the order number that should be entered onto the ***Monthly Alert*** request form. Note that a title may be listed more than once due to the various subject headings assigned to it.

SAMPLE CITATION

Subject Heading **Title of Book**

R1. ACID DEPOSITION—CANADA
Pawlick, Thomas. A killing rain: The global threat of acid precipitation.
San Francisco: Sierra Club Books, c1984.
TD196.A25P38 1984

Order Number

TO REQUEST MATERIALS: Write the order number (ex. R1) on the regular blue request form. No other information is necessary. It is important to include the letter "R" along with the assigned number so that it can be distinguished from the numbered items in the regular Monthly Alert.

LOAN PERIOD: Reserve lists will be created for each title requested and the books will be loaned to those on the lists for a period of two weeks. If you need any item on a rush basis, please call the BLM Library on 303/236-6648 to make special arrangements.

ORDERING INFORMATION: Contact us for ordering information if you would like to purchase any of the books listed.

HOT OFF THE CATALOGING SHELF!

03/27/97

This month's and next month's Hot Lists include several items from a special collection put together by Melissa Dukes of the National HRM Center originally for the use of the employees of the Denver/Washington Office, Office of IRM/Modernization when they were being reorganized into the National IRM Center. NHRMC wanted the Library to now advertise these items and make them available to all BLM employees.

ECOLOGY--NORTH AMERICA.

R1 U. S. Forest Service.
North American Workshop on Monitoring for Ecological Assessment of Terrestrial and Aquatic Ecosystems : Mexico, 1996
-- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-284

ENDANGERED PLANTS--WEST (U.S.)

R2 U. S. Forest Service.
Southwestern rare and endangered plants : Proceedings of the Second Conference : September 11-14, 1995 : Flagstaff., 1996
-- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-283

ENVIRONMENTAL MONITORING--NORTH AMERICA.

R1 U. S. Forest Service.
North American Workshop on Monitoring for Ecological Assessment of Terrestrial and Aquatic Ecosystems : Mexico, 1996
-- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-284

FIRE ECOLOGY.

R3 U. S. Forest Service.
Effects of fire on Madrean province ecosystems.
-- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996, 1997.
USFS GTR RM-289

FOREST MANAGEMENT.

R4 U. S. Forest Service.
Proceedings of the 9th Central Hardwood Forest Conference : Purdue University, West Lafayette, Indiana : March 8-10, 1993
USFS GTR NC-161

GRASSLAND ECOLOGY--WEST (U.S.)

R5 U. S. Forest Service.
Ecosystem disturbance and wildlife conservation in western grasslands : A symposium proceedings, 1996
-- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-285

HARDWOODS.

R4 U. S. Forest Service.
Proceedings of the 9th Central Hardwood Forest Conference : Purdue University, West Lafayette, Indiana : March 8-10, 1993
USFS GTR NC-161

INTERNET (COMPUTER NETWORK)

R6 Riley, Margaret.
The Guide to Internet job searching
-- Lincolnwood, Ill. : VGM Career Horizons, 1996
HF5382.7 .R557 1996

INTERVIEWING.

ECLECON (Firm)
JobSearch : interviewing success (VIDEOTAPE)
-- Bountiful, Utah : ECLECON, 1995
R7 VDTP 0120

Farrell, Gregory F.
A Funny thing happened at the interview : wit, wisdom, and war stories from the job hunt
R8 -- Gillette, N.J. : Edin Books, Inc., 1996
HF5382.7 .F388 1996

JOB HUNTING.

ECLECON (Firm)
JobSearch : interviewing success (VIDEOTAPE)
R7 -- Bountiful, Utah : ECLECON, 1995
VDTP 0120

Farrell, Gregory F.
A Funny thing happened at the interview : wit, wisdom, and war stories from the job hunt
R8 -- Gillette, N.J. : Edin Books, Inc., 1996
HF5382.7 .F388 1996

New York (State). Dept. of Labor.
Your winning edge : your complete job search guide from self-assessment to resumes to interviews
R9 -- [Albany, N.Y. : New York State Dept. of Labor, 1994
HF5382.7 .Y688 1994

Riley, Margaret.
The Guide to Internet job searching
R6 -- Lincolnwood, Ill. : VGM Career Horizons, 1996
HF5382.7 .R557 1996

NATURAL RESOURCES--MANAGEMENT.

U. S. Forest Service.
Effects of fire on Madrean province ecosystems.
R3 -- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996, 1997.
USFS GTR RM-289

NEW BUSINESS ENTERPRISES.

Jenkins, Michael D.
Starting and operating a business in Colorado : a step-by-step guide
R10 -- Grants Pass, Or. : Oasis Press/PSI Research, 1996.
HD62.7.C6 J466 1996

PLANT CONSERVATION--WEST (U.S.)

U. S. Forest Service.
Southwestern rare and endangered plants : Proceedings of the Second Conference : September 11-14, 1995 : Flagstaff., 1996
R2 -- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-283

PUBLIC LANDS--U. S.--MANAGEMENT.

U. S. Bureau of Land Management.
Rediscovering your public lands : 1996 annual report.
R11 -- Denver, Colo. : Bureau of Land Management, National Business Center, 1997.
JK870.L3 L366 1997

RESUMES (EMPLOYMENT)

New York (State). Dept. of Labor.
Your winning edge : your complete job search guide from self-assessment to resumes to interviews
R9 -- [Albany, N.Y. : New York State Dept. of Labor, 1994
HF5382.7 .Y688 1994

SMALL BUSINESS.

Jenkins, Michael D.
Starting and operating a business in Colorado : a step-by-step guide
R10 -- Grants Pass, Or. : Oasis Press/PSI Research, 1996.
HD62.7.C6 J466 1996

U. S. BUREAU OF LAND MANAGEMENT.--APPROPRIATIONS AND EXPENDITURES.

U. S. Bureau of Land Management.
Rediscovering your public lands : 1996 annual report.
311 -- Denver, Colo. : Bureau of Land Management, National Business Center, 1997.
JK870.L3 L366 1997

WILDLIFE CONSERVATION--WEST (U.S.)

U. S. Forest Service.
Ecosystem disturbance and wildlife conservation in western grasslands : A symposium proceedings, 1996
R5 -- Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, 1996.
USFS GTR RM-285

★U.S. GOVERNMENT PRINTING OFFICE: 1997 - 573-[illegible]

Step 1

MAY — 1997

Month — Year

List Item Number(s):

Please limit request to 20 items per card. Thank you!

Step 2

Please read the Copyright information below and sign the provided statement.

Notice:
WARNING CONCERNING COPYRIGHT RESTRICTIONS

- The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyright material.
- Under certain conditions specified in the law libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purpose in excess of "fair use" that user may be liable for copyright infringement.
- This institution reserves the right to refuse to accept a copying order if, in its judgement, fulfillment of the order would involve violation of copyright law.

Your signature is needed under the new U. S. Copyright law. I accept responsibility for compliance should restrictions apply to documents I am requesting.

_____
(Signature)

Step 3

To ***Speed*** your request, fill in completely:

_____
Name (please print)

_____
District, field offices or resource areas

_____
Mail Code

_____
Telephone

We cannot send MONTHLY ALERT items to home addresses.

You can request items 3 ways:

1. E-mail to Crystal Trujillo
2. Fax 303-236-4810
3. Mail in request form

NOTICE

If Alert numbers are requested after 6/30/97 please give a full bibliographic citation when you ask for a publication.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BUILDING 50, DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, COLORADO 80225-0047

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES
U.S. DEPARTMENT OF THE INTERIOR
INT 415

FIRST CLASS MAIL

BLM Library
NARSC RS-150A
Building 50, Denver Federal Center
P.O. Box 25047
Denver, Colorado 80225-0047

END

03-04-98